

Breakout Session B-1

Integration of Environmental Protection into ISM

Greening the Government Through Leadership in Environmental Management

- E.O. 13148 issued in April 2000
- Requires EMS at DOE facilities by 2005
- DOE will implement as part of ISMS
- DOE-wide EMS self-assessment
- Environmental Audit Program
- Emphasize P2 as a means
to achieve and maintain compliance

Environmental Management System

- A structured approach to identifying and managing the (potential) environmental impacts of your activities, and achieving continual improvement
- Includes environmental regulatory compliance
- Can be integrated with Safety and Health management
- Examples: ISO 14001, CEMP

Executive Order 13148

Federal Register, April 26, 2000
pp 24595-24606

[http://www.access.gpo.gov/su_docs/
fedreg/a000426c.html](http://www.access.gpo.gov/su_docs/fedreg/a000426c.html)

ISO 14001 Standard

- An international consensus standard
- Provides a structured specification of management system elements
- Offers third-party registration (optional)
- An available tool to implement E in ISM
- Fully compatible with ISM

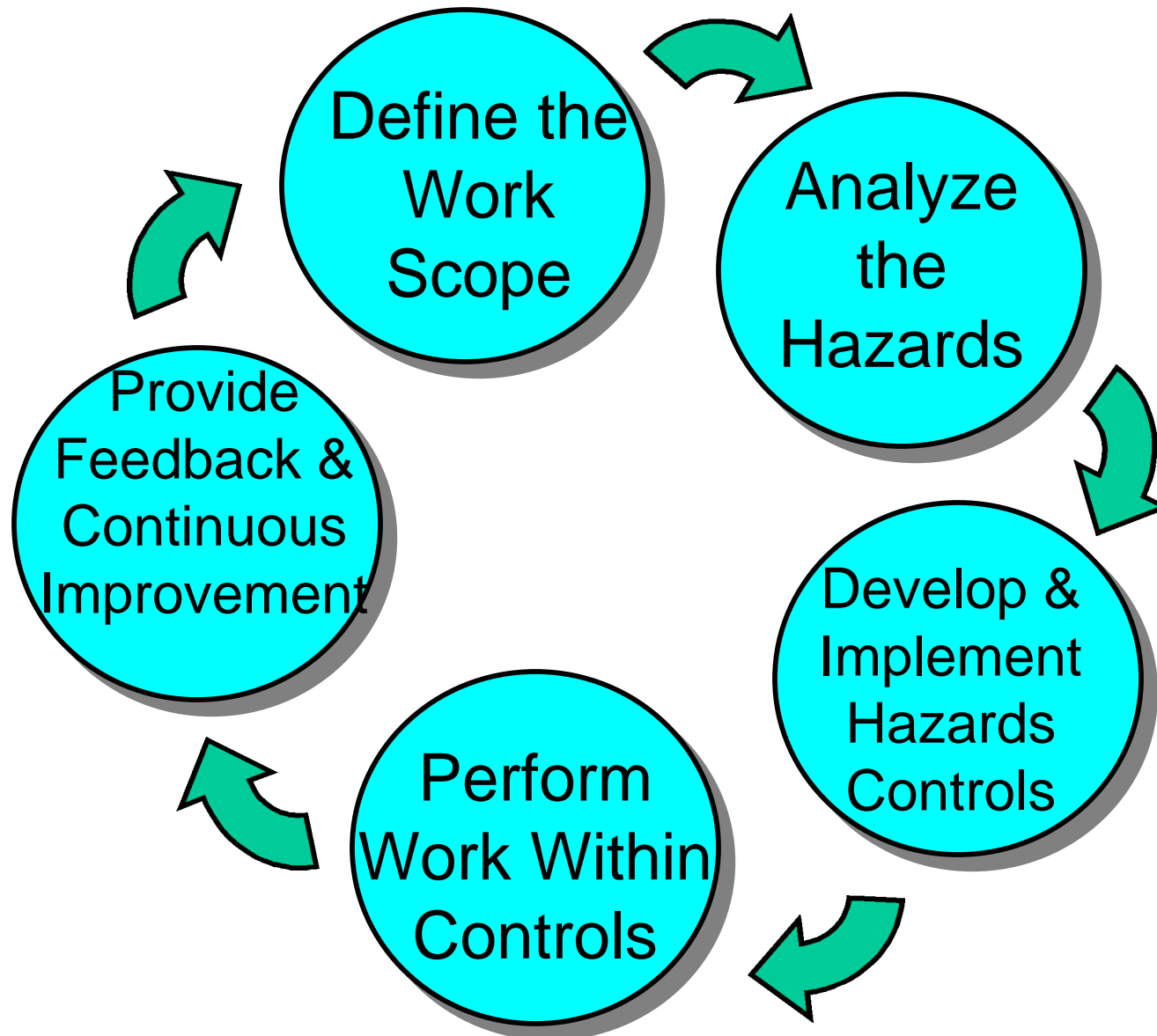
Code of Environmental Management Principles

- Issued by EPA in 1996
- Emphasis on compliance and pollution prevention
- Endorsed by DOE
- Compatible with ISM

DOE Implementation of E.O. 13148

- Incorporate goals and requirements into existing DOE orders and documents
- Secretarial Memo assigning specific topics
- Agency-level EMS self-assessment
- Additional Guidance
 - New Order 450.1 & Guide 450.1
 - EMS Topical Committee
 - EFCOG Environmental Subgroup

ISM Core Functions



Environmental Management System (ISO 14001)

